

Recombinant Full Length Human RIOK2, GST-tagged

Cat. No. RIOK2-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length recombinant human RIOK2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	1-552 a.a.
Description	RIOK2 or RIO kinase 2 is a novel cytoplasmic component of pre-40S pre-ribosomal particle(s) in human cells which is required late 40S maturation at several distinct steps. RIOK2 regulates metaphase-anaphase transition during mitotic progression.
Form	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~106 kDa
AA Sequence	Full Length
Purity	>95%
Applications	Western Blot
Stability	1 yr at -70°C from date of shipment.

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Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul
GENE INFORMATION	
Gene Name	RIOK2 RIO kinase 2 [Homo sapiens (human)]
Official Symbol	RIOK2
Synonyms	RIO kinase 2 (yeast); serine/threonine-protein kinase RIO2; FLJ111159; EC 2.7.11.1; OTTHUMP00000222868; RIO kinase 2; RIO2; OTTHUMP00000158911
Gene ID	55781
mRNA Refseq	NM_001159749
Protein Refseq	NP_001153221
UniProt ID	D6RDI3
Chromosome Location	5q15
Pathway	Ribosome biogenesis in eukaryotes
Function	ATP binding; protein serine/threonine kinase activity